



June 1, 2016

Secretary of the Commission  
Missouri Public Service Commission  
P.O. Box 360  
Jefferson City, MO 65102-0360

RE: Request Commission Approval of Revised Tariff Sheets No. 35, 35A, 35B, 35C, 35D, 36, 36A, and 36B Municipal Street Lighting Service

Dear Secretary:

Kansas City Power & Light Company seeks approval from the Missouri Public Service Commission of the enclosed tariff revisions.

This filing is made to incorporate Light Emitting Diode (LED) alternatives into the tariff. KCP&L has been researching the suitability and practicality of deploying LED based lighting for roadway uses and believes LED lighting is a viable option for lighting of public roadways.

KCP&L seeks approval of tariffs which will allow it to pursue a structured conversion of all roadway lighting (non-decorative, pole mounted, over road lighting) to LED fixtures. Over an approximately six month period, KCP&L proposes to convert the approximately 7,500 lights using a combination of four LED fixture sizes. Also as part of this filing, KCP&L proposes to limit the availability of Mercury Vapor and High Pressure Sodium lighting made obsolete by the LED technology.

KCP&L is aware of the similar LED filing made by Ameren Missouri and the resulting Commission order in file no. ET-2016-0152 and considered it in the preparations of this filing.

Thank you for your consideration of these revised tariff sheets. Please contact me directly at (816) 654-1689 or [brad.lutz@kcpl.com](mailto:brad.lutz@kcpl.com) if you require any additional information.

Sincerely,

A handwritten signature in black ink that reads "Brad Lutz". The signature is written in a cursive, flowing style.

Brad Lutz  
Manager Regulatory Affairs

Enclosure:  
Letter of Transmittal  
Proposed tariff sheets (with red-line versions)

cc:  
T Rush  
L Liehti  
Office of Public Counsel